

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
Michael Francis Higgins et. al. ) Group Art Unit: 2625  
)  
Application No.: 10/821,306 ) Confirmation No. 9710  
)  
Filed: April 9, 2004 ) Examiner: TBD  
)  
For: SYSTEM AND METHOD FOR )  
IMPROVED GAMUT MAPPING )  
FROM ONE IMAGE DATA TO )  
ANOTHER )  
)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO SB08A and/or SB08B form(s). This Information Disclosure Statement (IDS) is being filed:

- ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d),
- ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
- ☒ before the mailing of a first Office action on the merits;
- ☐ before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

Under the provisions of 37 C.F.R. § 1.97(b), no fee is required to file this Information Disclosure Statement.

Copies of cited foreign documents and non-patent literature are submitted concurrently with this IDS via the EFS-Web electronic filing system.

Applicant directs the Examiner's attention to the related commonly-owned applications listed in the table below. These applications may have subject matter that is related to the subject matter in the above-referenced application. On the attached IDS SB/08A Form(s) Applicant has cited documents that have been cited in Section 102 and 103 rejections by the respective Examiner in any of the below-referenced related applications in which prosecution has occurred. In the table, the current prosecution status of the related application is provided as of the filing date of this IDS. In the table, any reference to "NF" means "Non-Final", and any reference to "OA" means "Office Action."

	Application Number	Examiner	Art Unit	Attorney Docket No.	Current Status
/QV/	6, 980,219	(n/a)	(n/a)	08831.0057	Issued
/QV/	11/196,631	Zimmerman, M	2628	08831.0057-01	Awaiting First OA
/QV/	10/691,377	Moore, D	2625	8831.0058	Awaiting First OA
/QV/	10/691,396	Amin, J	2628	08831.0059	Non-Final OA mailed
/QV/	10/690,716	Luu, M	3663	08831.0060	Notice of Allowance Mailed
/QV/	10/821,386	Hjerpe, R	2629	08831.0065	Awaiting First OA
/QV/	11/278,675	TBD	2877	08831.0072	Awaiting First OA

Applicant has also cited the published application documents or issued patent documents for the above-listed cases, where applicable. Applicant has further cited non-patent literature documents, patents and patent application publications published by one or more of the named inventors and other authors that may contain background

information about the technology that forms the context of the subject matter of the application.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making the appropriate notations on the attached form(s).

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies any documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

By: /Judith C. Bares/  
Judith C. Bares Reg. No. 34,825

Dated: December 12, 2006

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/821,306
Filing Date	April 9, 2004
First Named Inventor	HIGGINS, Michael F.
Art Unit	2625
Examiner Name	<del>FBF</del> <i>CV</i>
Attorney Docket Number	08831.0067

Sheet 1 of 4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/QV/		US-4,989,079	01-29-1991	Ito	
/QV/		US-5,341,153	08-23-1994	Benzschawel et al	
/QV/		US-5,398,066	03-14-1995	Martinez-Uriegas et al	
/QV/		US-5,450,216	09-12-1995	Kasson	
/QV/		US-5,724,442	03-03-1998	Ogatsu et al	
/QV/		US-5,987,165	11-16-1999	Matsuzaki et al	
	/QV/	US-6,023,527	02-08-2000	Narahara	
	/QV/	US-6,278,434 B1	08-21-2001	Hill et al	
/QV/		US-6,360,023 B1	03-19-2002	Betrissey et al	
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	/QV/	US-6,614,414 B2	09-02-2003	De Haan et al	
/QV/		US-6,738,526 B1	05-18-2004	Betrissey et al	
/QV/		US-6,937,217 B2	08-30-2005	Klompenshouwer et al	
/QV/		US-2004/0239813A1	12-02-2004	Klompenshouwer	
	/QV/	US-2001/0048764 A1	12-6-2001	Betrissey et al	
/QV/		US-2003/0117457 A1	06-26-2003	Qiao	
/QV/		US-2003/0179212 A1	09-25-2003	Matsushiro et al	
/QV/		US-6,980,219 B2	12-27-2005	Higgins	
/QV/		US-2005/0083341 A1	04-21-2005	Higgins et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
/QV/		GB 2 282 928 A	04-19-1995	Childs et al		
/QV/		WO 00/42762	07-20-2000	Betrissey et al		

Examiner  
Signature

/Quang Vo/

Date  
Considered

09/02/2007

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

### Complete if Known

Application Number	10/821,386
Filing Date	April 9, 2004
First Named Inventor	HIGGINS, Michael F.
Art Unit	2625
Examiner Name	FBD 
Attorney Docket Number	08831.0067

Sheet	2	of	4
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/821,306
				Filing Date	April 9, 2004
				First Named Inventor	HIGGINS, Michael F.
				Art Unit	2625
				Examiner Name	TBD QV
Sheet	3	of	4	Attorney Docket Number	08831.0067

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/QV/		Betrissey, C., et al., "Displaced Filtering for Patterned Displays, SID Symp. Digest 1999, pgs 296-299	
/QV/		Brown Elliott, C., "Active Matrix Display....", IDMC 2000, 185-189, 8/2000.	
/QV/		Brown Elliott, C., "Color Subpixel Rendering Projectors and Flat Panel Displays," SMPTE, Feb 27-Mar 1, 2003, Seattle, WA pp 1-4	
/QV/		Brown Elliott, C, "Co-Optimization of Color AMLCD Subpixel Architecture and Rendering Algorithms," SID 2002 Proceedings Paper, May 30, 2002 pp 172-175	
/QV/		Brown Elliott, C, "Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	
/QV/		Brown Elliott, C, "New Pixel Layout for PenTile Matrix™ Architecture", IDMC 2002, pp 115-117	
/QV/		Brown Elliott, C, "Reducing Pixel Count Without Reducing Image Quality", Information Display 12/99, Vol 1, pp 22-25	
/QV/		Credelle, Thomas, "P-00: MTF of High-Resolution PenTile Matrix Displays", Eurodisplay 02 Digest, 2002 Pages 1-4	
/QV/		Klompshouwer, Michiel, "Subpixel Image Scaling for Color Matrix Displays, SID Symp. Digest, 05/02, pp 176-179	
/QV/		Michiel A. Klompshouwer, Gerard de Haan, Subpixel image scaling for color matrix displays, Journal of the Society for Information Display, Volume 11, Issue 1, March 2003, pp. 99-108	

Examiner Signature	/Quang Vo/	Date Considered	09/04/2007
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		First Named Inventor	HIGGINS, Michael F.		
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		Examiner Name	<del>TBD</del> QV		
Sheet	4	of	4	Attorney Docket Number	08831.0067

NON PATENT LITERATURE DOCUMENTS			
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/QV/		Messing, Dean et al., Improved Display Resolution of Subsampled Colour Images Using Subpixel Addressing, IEEE ICIP 2002, Vol 1, pp 625-628	
/QV/		Messing, Dean et al., Subpixel Rendering on Non-Striped Colour Matrix Displays, 2003 International Conf on Image Processing, 9/2003, Barcelona, Spain, 4 pages	

Examiner Signature	/Quang Vo/	Date Considered	09/04/2007
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